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2/14#9158  
7/20/02

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## RAW SEQUENCE LISTING

DATE: 05/13/2002

PATENT APPLICATION: US/09/899,718A

TIME: 16:39:22

Input Set : A:\00063545.txt

Output Set: N:\CRF3\05132002\I899718A.raw

3 <110> APPLICANT: Aventis CropScience GmbH  
 5 <120> TITLE OF INVENTION: Promotor for gene expression in caryopses of plants  
 7 <130> FILE REFERENCE: 514413-3886  
 9 <140> CURRENT APPLICATION NUMBER: 09/899,718A  
 C--> 10 <141> CURRENT FILING DATE: 2002-04-29  
 12 <150> PRIOR APPLICATION NUMBER: DE 100 41 861.9  
 13 <151> PRIOR FILING DATE: 2000-08-26  
 15 <150> PRIOR APPLICATION NUMBER: DE 100 32 379.0  
 16 <151> PRIOR FILING DATE: 2000-07-06  
 18 <160> NUMBER OF SEQ ID NOS: 11  
 20 <170> SOFTWARE: PatentIn version 3.1  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 3785  
 24 <212> TYPE: DNA  
 25 <213> ORGANISM: Triticum aestivum  
 27 <400> SEQUENCE: 1

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32	tgtttcatgt tttatttcat tttctttact ttttagggta	aaaccaatgc ccccaattca	180
34	ttctacctaa gaggaaattc agttttatac tagtttcagt	tttattattg tttattaagt	240
36	gtttttagtt ggttttctca tttatgtgta tgcataaata	ttaggggtgt gtgtgcgtgt	300
38	gttaatatatac acataagtat tatacaccca tttttgcagt	cataaaatta tgcaatttca	360
40	gtacaaattg tgcgcaaact cttcttcatt ttttattttt	tattttattt tcttttttaa	420
42	gggtaatacc aatgatacta atttatgcct catttgga	tttcgttttg aaaattatgc	480
44	tagtacacac ttattcttgt atattatgga aaagcgcaat	ttctgtgtaa gttttgtcat	540
46	tctgtatttt ttttcatttt tctttcttct ggaagggtaa	cactaatgcc actaattcat	600
48	tcttgcttag aaaactttag tattttgatt gtgttttagt	ttttatttca ttttgtttct	660
50	tctttaaggg aaataccaat gccactaatc cattccatct	tagaaaatct ctttatctta	720
52	caaaaactca actttttatat gcttattcgt gcatattata	aaaagcacag tttctatcta	780
54	aattgcgtgc aaactttatc attatttgtc taaattaatt	ttttctagaa tgatgatacc	840
56	aatgccacta attcattccg tgagcacgca atatgcggaa	tgccctacgt tattagtgg	900
58	gtcgcatttt tcatctctca cgcattgggca tgcataccct	acacatgcac acacacgcat	960
60	acacaacaca tgagcactca cgcgagcaca tgcatacacc	tgtgcgcaca cacacgacac	1020
62	cgacacacac gcacagccac atgcgtgcac ttagaaagaa	aaaatagaca cgtatacatt	1080
64	ggactggcta gctatactac cgtgtaacac tagtacgttg	gtgttgtagc acctattttc	1140
66	aggtgccaca gactagtatt ttcaggcgac tgggatatag	ccacggccta ttgtttcgtg	1200
68	tctgtaggacg aaaacggtca tatatgtggc actggccttc	tagagactct ccaagaggct	1260
70	caccacctca ccgtgagtga cagcccaccg tcgcgtaaac	caccgcattt acgtttcccc	1320
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78	aggaagcaat cccgggccat gcagcgccat tgccacgccc	cagcgaaaag cgaaggcgag	1560
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82 gcgtggacat cacagcagga acaccaccg gcagcccacc gggcgggccc gggcaggaca 1680
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86 aaaggcgcgt cggccagcca cgacgccgt ggaaagcgc cggcggaacc gagaatgtgc 1800
88 caggtgcca gccgtccgc ggtaccacta gtctcgtacg tgtgccactc cactccgctc 1860
90 cgctcggcac gcacgcacgc aggcagaaac aaacaaacaa acaaaaaagt gggtcattca 1920
92 ctccactcaa cgtcgctttt caggacgatg ctctcgggtgc ttaagacacc tacctttgtg 1980
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144 tcttataaat gtttcttcc gcagccatgc ctgcggttac aacgggtgcc gtgtccgtgc 3540
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148 gggacaccag cgtcatctcc gaggtatata tccgccat gaattatcac aattcacatg 3660
150 ctccctgcaca tttctgcaag actttactga ctggctggat ctgcagatc aaggtcgttg 3720
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157 &lt;210&gt; SEQ ID NO: 2

158 &lt;211&gt; LENGTH: 29

159 &lt;212&gt; TYPE: DNA

160 &lt;213&gt; ORGANISM: Artificial Sequence

162 &lt;220&gt; FEATURE:

163 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a  
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165 &lt;400&gt; SEQUENCE: 2

166 cagcgaagcg cgcgtcggcc agccacgac 29

169 &lt;210&gt; SEQ ID NO: 3

170 &lt;211&gt; LENGTH: 21

171 &lt;212&gt; TYPE: DNA

172 &lt;213&gt; ORGANISM: Artificial Sequence

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174 <220> FEATURE:
175 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a
caryopsis-specific promoter
177 <400> SEQUENCE: 3
178 agaaacaaac aaacaaacaa a                                21
181 <210> SEQ ID NO: 4
182 <211> LENGTH: 72
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a
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189 <400> SEQUENCE: 4
190 cctttcagga cgatgcttcg gtgccttaag acacctacct ttgtgtctat gacatgtgag      60
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196 <211> LENGTH: 26
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
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201 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a
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213 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a
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222 <213> ORGANISM: Artificial Sequence
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232 <211> LENGTH: 18
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234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a
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243 <210> SEQ ID NO: 9
244 <211> LENGTH: 20

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245 <212> TYPE: DNA

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248 &lt;220&gt; FEATURE:

249 &lt;223&gt; OTHER INFORMATION: primer used in PCR reaction, obtained from Roche Diagnostics GmbH,

250 Manheim, Germany

252 &lt;400&gt; SEQUENCE: 9

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20

256 &lt;210&gt; SEQ ID NO: 10

257 &lt;211&gt; LENGTH: 20

258 &lt;212&gt; TYPE: DNA

259 &lt;213&gt; ORGANISM: Artificial Sequence

261 &lt;220&gt; FEATURE:

262 &lt;223&gt; OTHER INFORMATION: primer used in PCR reaction, obtained from Roche Diagnostics GmbH,

263 Manheim, Germany

266 &lt;400&gt; SEQUENCE: 10

267 aggccgccag tcttgctcca

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270 &lt;210&gt; SEQ ID NO: 11

271 &lt;211&gt; LENGTH: 13

272 &lt;212&gt; TYPE: DNA

273 &lt;213&gt; ORGANISM: Triticum aestivum

275 &lt;400&gt; SEQUENCE: 11

276 ccacacacta caa

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